ECMset

ECM (Brushless motor) Current Switch

Tool-free adjustable trip-point as low as 0.25A

Prevent false stand-by current trips

No panel programming required



DESCRIPTION

ECMSet™ is designed for no/go run detection on electronically commutated motors (ECMs) . ECMs draw a small amount of AC standby current to power their inverter, up to 1A, even when the motor isn't running. The ECMSet features a high resolution adjustable turn-on setpoint to ignore standby current, preventing false ON status indications.

APPLICATIONS

- No/go run detection for EC motors
- On set-point prevents false trips due to EC inverter stand-by current
- Great for data center current switch sensing



Turn-on setpoint minimizes false trips due to standby ECM inverter draw.



Optional CR command relay for stop/start/status in a single labor saving device.



FEATURES

- Reliable operation on ECM motors
- Set trip point with easily scaled dial to that sensor only turns on when motor is actually running
- Super low turn-on adjustment scale Maintenance-free—no call backs
- No hazardous guesswork. Multi-turn adjustments are a thing of the past
- Reduce the risk of arc flash; sensor can be set without calibration in live enclosure
- Industry leading 7 year warranty
- Looking for something smaller? Or a lower turn-on current? Check out the Pro version: ECMSet Pro

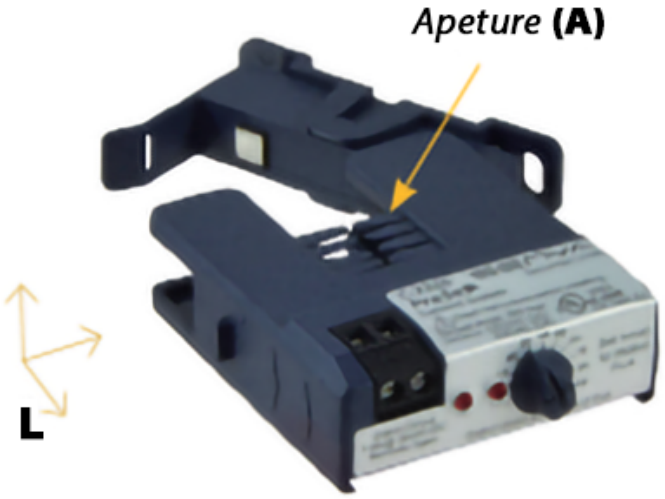
ORDERING

SPLIT CORE	Min (on)	Max Amps	N.O. Output*	Trip LED	Power LED
C-2320-L-ECM	0.25A	200A	1.0A@30VAC/DC	•	•

COMMAND RELAY - DIRECT MOUNT (MOUNTS ON ALL 2300 SERIES CURRENT DEVICES)	Contact rating	Coil
CR3-24	N.O. 10A @ 125VAC	24VAC/DC 15mA nominal
CR4-24	N.C. 10A @ 125VAC	24VAC/DC 15mA nominal
CR3-12	N.O. 10A @ 125VAC	9-12VDC 30mA nominal
CR4-12	N.C. 10A @ 125VAC	9-12VDC 30mA nominal

Other coil voltages available—consult factory

DIMENSIONS



L: 2.5″ **H:** 0.57″ **W:** 2.23″
A: 0.75″x0.75″

Warning: The datasheet is designed for reference only. Refer to installation instructions that accompany the product and heed all safety instructions. Product improvement is a continuing process at Senva. Changes may occur to products without prior notice.

SPECIFICATIONS

Standard Output Rating	1.0A@30VAC/DC
Output Type	NO, solid-state FET
Environmental Rating	5-140 °F (-15-60 °C)
Insulation Class	600V RMS. For use on insulated conductors only! Use minimum 75 ° C insulated conductor
Sensor Power	Induced
Frequency Range	50/60Hz
Dimensions (LxWxH)	2.94"x 2.23" x 0.82" (1.4"H with optional relay module)
Sensor Aperture	0.75"
Compliance	cUL, UL, CE, RoHS

** Product improvement is a continual process at Senva and product features and specification may change without prior notice. Refer to instructions that accompany the product for installation and wiring.*